

7a

Dr Ralph Lapp
 QuadriScience
 1028 Connecticut Avenue
 Washington 6 DC

Dr. Joshua Lederberg
 716 Alvarado Row
 Stanford, California

SUBJECT: Your memo of 12 March

DATE March 22, 1963

Message

This was most interesting and informative.

To answer the DuPont question: My proposal: would they invest say \$10-25 Million to get into the field of development and production of ARTIFICIAL ORGANS? I mean this quite seriously, and have already brushed upon it. Present research on this is pretty diffuse, and needs a hard industrial type of push, and it is hard to think of an apter organization (after the AEC and NASA). Materials research, toxicity testing, mechanical and chemical engineering are all mixed in, and relatively less sophisticated medical and biological problems. First candidate: the improvement of the artificial kidney, which could already make the contemporary efforts at transplantation obsolete; then the heart. I would guess it would actually cost closer to \$100-200 million to do the job, but 10% of this would go a long way. At the minimum it would put DuPont in a unique position with regard to govt. support for its further development. Q/S and its consultants could do an excellent job in furnishing the board of directors for such an effort, but DuPont would have to furnish the management. I hardly have to point out the economic consequences of even a modest

Reply

TO

DATE

SIGNED

SENDER: RETAIN THIS COPY